day and probably to-morrow.

Highest temperature yesterday, 69; lowest, 64.

Detailed weather reports will be found on editorial page.

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YORK. WEDNESDAY, JUNE 21, 1922.—ENTERED AS SECOND CLASS MATTER POST OFFICE, NEW YORK, N. Y.

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and sounder newspaper than ever before,

WAVE CAN BE AIMED LIKE A SEARCHLIGHT

Latest Invention May Be Used to Guide Sound in One Direction.

BIG REFLECTORS DO IT

Wireless Lighthouses Predicted Through Concentrated Beam.

Tells Engineers That Secret Talks in Air Will Now Be Possible.

Guglielmo Marconi calmly aston ished the largest crowd that ever wedged itself into the auditorium of the Engineering Societies Building by describing last night experimanner that light is thrown out.

He declared that he could see no which would keer ships informed of their position regarding other ships and the coast. Briefly, he declared that it was entirely possible for a ship entirely lost and stripped of all its own radio equipment to be guided back, through the thickest storms and most treacherous

Mr. Marconi would do this with reflectors that revolve much as the light in the lighthouse revolves. On the a model of the reflector. It like half of a squirrel cage distant was the receiver (the ship in Near by there arose an amplifying horn such as any mateur radio operator might use. The current was turned on and the reflector turned. From the horn there came the singing of the waves caught by the receiver. The sounds ran the full chromatic scale. Every ship in a radius of 180 degrees would have been caught by the reflected radio beams.

Mr. Marconi continued to preduce remarkable examples of what he has learned in his more recent experiments. For example, talking of his work with the old Hertzian short wave lengths which he has revived for some of his most recent experiments, he said that he found static disturbances almost mon-existent, but that interference was bad from automobiles and motor boats. He declared that only a few hours before Alfred G. Goldsmith, chief research engineer for the Radio Corporation of America, had asked him why the electric waves emitted by a motor car (waves sometimes 40 meters long) could not be utilized by the speed loving driver to detect in the rear the lurking or pursuing motor cycle cop. "I think that would be entirely possible." laughed Marconi. "But I am sure that the New York police in the execution of their duty would somehow get around that."

The auditorium in which Mr. Marconi spoke was built to hold 1,000. Eleven

The auditorium in which Mr. Marconi spoke was built to hold 1,000. Eleven hundred and sixty persons crowded in And then the doors were locked, leaving several hundred disappointed men and women out in the halls. At the conclusion of his address, Mr. Marconi was presented with the gold medal of honor of the Institute of Electrical Engineers. The meeting was held under the joint auspieces of that society and the Institute of Electrical Engineers.

Mr. Marconi, in his appreciation, declared that he believed America led the world in radio communication. He began his address by declaring that in ten years the speed of radio operation has increased eight or ten times that possible in 1912.

Messages Around the Earth.

Messages Around the Earth.

Measages Around the Earth.

"The question as to whether it would be possible to transmit radio signals around the world as far as the Antipodes is one which has always fascinated me," Mr. Marconi confessed. He added that he had obtained results "which go far to show the relative facility with which radio signals can now be sent from England to Australia and seem to indicate that there is something in the idsa of the wireless waves traveling around the earth by various ways and reuniting at the Antipodes." Sometimes these radio waves, traveling around the searth in different directions, reenforce each other when they meet at the receiver, said Marconi, and sometimes they interfere with each other. The great station built by the Radio Corporation of America at Port Jefferson, Long Island, the most powerful on this continent, sent waves that "preferred to travel three-quarters of the way around the earth, rather than to come by the shortest way around."

Mr. Marconi pointed out that all his early experiments had been conducted with short wave lengths. In the development of radio communication the longer wave lengths have so much absorbed the attention of inventors and engineers that in Marconi's opinion the time has come to conduct research in short wave length radio.

In wireless, electric energy is flashed into space in waves. The distance from one wave crest to another is called "the wave length" and is usually expressed in metera. In these days, when radio has become the hobby of millions, the Messages Around the Earth.

wave length" and is usually expressed in metera. In these days, when radio has become the hobby of millions, the wave length used may vary from 200 meters to 20,000 meters. In other words, the ether of space is shaken into terrific billows compared with which the mightiest uphravals of the ocean in a storm are mere ripples.

"Some years ago during the war;" said Mr. Marconi, "I could not help feeling that we had perhaps got rather in a rut by confining all our ressarches and our tests to what I may term long waves or waves of some thousandths

Continued on Page Nine. Theatrical and Hotel and Restaurants.

MARCONI SAYS RADIO LENINE'S POWER GONE; **CONVULSIVE STRUGGLE** IMPENDING IN RUSSIA

Moderates Oppose Trotzky-Country Likely to Be Thrown Back Into Melting Pot-Red Army May Decide Issue-War Would Divert Its Attention.

Special Cable to The New York Herald. Copyright, 1922, by The New York Heral. Moscow, June 20.-Short of a miracle, Nikolai Lenine's political career over. He may recover his health sufficiently to linger some time in retirement, though even that is doubtful. But unless Dr. Forster and Dr. Kramer, the German specialists who are attending him, are making a gigantic mistake, he never will be able to resume control of affairs

It is extremely difficult to arrive at an exact account of his ailment as an atmosphere of mystery has been created around his case, and no two persons, even in his immediate entourage, give quite the same story The crisis which occurred some months ago undoubtedly was the effect WILL AID SHIPS IN FOG of the bullet wound last year, but the indications are that the present collapse has no direct connection with it. Tales are current of a stroke there has been no paralytic stroke in the accepted sense of the wordbut a nervous and physical strain, joined to a bad combination of phlebitis and varicose veins, seems to have resulted in a clot on the brain. The most complete rest is being enforced upon the patient, and though he has a fine constitution that may pull him through to a certain extent rest in modified form almost certainly will have to be permanent.

His brain is not badly affected, but Lenine gives signs of a partia preakdown of memory. Five minutes after being told something he forgets all about it. Strenuous efforts were made to conceal from the public the

FOOL, SAYS HYLAN

Alderman Reports After Visit

He Thinks Such Talk High-

ly Discourteous.

ASKS VOTE OF CENSURE

Reports to Board He Told the

Mayor That He Was 'No

Gentleman.'

the extent of being called a

Brother Looks After Interests.

are more anxious than ever.

It was reported to-day in Fleet street that he is in a nursing home and that his condition is such as to cause alarm. It was said that his brother, Lord Rothermere, was looking after his in-

fact of his grave condition, but aftere the first few days without success FALCONER DAMNED The news has caused consternation everywhere, save among the extrem-

The middle classes especially are affected, as it is no secret that latterly Lenihe had become convinced that in the development of trade and industry lay the only possibility of the salva tion of Russia. The whole trend of his recent policy has been directed toward strengthening these productive and moderate elements in the nation Leon Trotzky the Polish agreement was beginning to bear fruit,

Middle Classes Most Affected.

Now Russia is likely to be thrown back into the melting pot. And, as prominent Moscow engineer remarked wheel laid on its side. A few meters yesterday, "It's the middle classes that will be used as fuel for the fire that

the struggle for mastery has hardly has more than once brought down on begun as yet, and it is certainly un-decided. Lenine's lieutenants, A. I. his head the wrath of the Democratic Rykoff, Leo Kameneff and J. V. Sta-lin, have been spoken of as likely to Kenneally, the Alderman from Charles F. Murphy's district, yesterday fell under the displeasure of Mayor Hylan tempt in that form is extremely doubt-"damned fool" and "unbalanced." Falconer told the story to the Board of Aldermen. The Mayor only said the incident was closed. So history wi of what happened.

executive ability required to secure it. The contest is an unequal one. But Russia is a country of such unlimited and unsuspected possibilities that no one at this time of day would be wise to constitute himself a prophet.

It must not be forgotten that the

Bolsheviki raised a Frankenstein monster of their own—the Red army and in the last instance it is the Red army that will decide the issue. One encouraging feature of the situato use that formidable weapon, for the creation of which he is so largely re-sponsible, and this encourages the suspicion that his grip on the army is not as strong as believed. On the other hand this, if correct, is pregnant decide, if he cannot reckon confidently on the support of the army at home that the wisest course would be to eliminate the army for a time from home politics by giving it employ-

ment abroad. 'That would mean war with Poland and possibly Rumania. It is not at all unlikely that this will be the line adopted, and that the question of new foreign adventures will provide ma-terial for the first trial of strength between the rival forces struggling

for mastery in Russia.

There is, however, another aspect which should not be left out of the count. Trotzky is a Jew. Faithful to his racial traditions, the Russian Jew has not been slow to take advantage of revived facilities of trade, and al-though outwardly Trotzky has ceased to be in communion with his Jewish brethren there are signs that he is ests. There is just the possibility that the Jewish influence in the extremist wing may be strong enough to upset the plans of the war party. At the moment both sides are maneuvering white sulphus springs for rest and sport. Golf, tennis, horseback, Famous baths. Overnight from N. Y.—dev.

MILLER ASKS HYLAN IF DEMAGOGUE TITLE IS ONE THAT FITS HIM

Governor in Queens Speech Replies to Criticism Made by Mayor.

OPENS HIS CAMPAIGN

From Europe Will Give Hylan His Platform.

TELLS OF PIER SCANDALS

Declares Himself Champion of Municipally Owned Transit Systems.

In answer to Mayor Hylan's critim of his use of the word "dema gogue" in his speech before the con ference of Mayors at Poughkeepsie last week, Gov. Miller in an addres Republican Committee in the Rich a demagogue fits him, that is a American thought, ideals and tradiday by Mayor Hylan he had insulted

That is what the demagogue does. he said, "but I am not in the habit of States Senate. blinking at facts."

preted by his audience as the opening enter the campaign with "no necessity ises," and that the campaign will be ance. conducted on a record of performance of promises made to the people two

Confidence Men in Politics.

protect people from the political confi-"There is only of what happened.

The Board of Aldermen had elected David S. Rendt of Stapleton, S. I., to fill the place vacated by John J. O'Rourke.

Alderman Collins, who was presiding. the people, whether of foreign or native birth; those who attempt to misrepresent the truth, those who attempt to sow seeds of dissension, those who attempt to sow seeds of dissension, those who attempt to mislead by flattery and by making promises which they either do not intend to or cannot perform, are enemies both of the people before whom they pose as friends and are enemies thought it would be nice to send Faler with two Democratic members to the Mayor's office with Rendt so that Rendt might be sworn in. Faiconer on his return said the Mayor had seemed in

some meaning of the mode of the sense places as friends and are enomine of the mode of the sense places as friends and are enomine of the mode of the sense places as friends and are enomine of the sense places as friends and are enomine of the sense places as friends and are enomine of the sense places as friends and are enomine of the sense places as friends and are enomine of the sense places are daily untitudying to sensitive the sense places are daily untitudy to sense the sense the sense places are daily untitudy to sense the sense the sense the sense that the sense that the sense the two weeks ago which inferred there was something questionable about the financing of Commissioner Enright's trip abroad. Falconer then reported the conversation as follows:

"Do you mean to say that it was incorrect to say that Enright is in Europe now?" the Alderman asked.

"No," the Mayor replied. "I'll tell you and I want you to know what I think of you. I think you are a damned fool to introduce such a measure. It would seem that you are unbalanced, that's what I think of you."

This, Falconer said, was the more surprising because before taking up this prising because before taking up this two weeks ago which inferred there was something questionable about the financing of Commissioner Enright's trip at the Mayors' conference at Poughkeep-side that the Mayors' conference at Poughkeep-side the Mayors' conference at Poughkeep-side that the Mayors' conferen

habit of blinking facts.

"A temporary success at the polis is not so important to the Republican party. It is not very important whether this, that or the other individual happens to hold for a brief space of time an office subject to the election of the people.

The board took no action.

NORTHCLIFFE'S ILLNESS

ALARMS HIS FRIENDS

ALARMS HIS FRIENDS

Exact Nature a Mystery—His

Recther Looks After Interests

I don't know how he knew it, for surely there is more than one demagogue in the State of New York. The truth is that our country and our public life are to-day beset by demagogues. I was referring to a class, not to any particular individual. If the Mayor thinks that my description of a demagogue fits him that is a matter solely for his own

Special Cable to THE NEW YORK HERALD.
Copyright, 1925, by THE NEW YORK HERALD.
New York Herald Bureau,
London, June 20.
The extent and the exact nature of
Viscount Northcliffe's illness remained
a mystery to-night, as the Times stated
that it had no report to make. His
friends, who likewise are in the dark,
ware more anylous than ever. But at the same time he underto

from Europe pretty soon.

"Among other of the various things which the Democratic party promises to do is this one: "To enable the farmer to obtain a better price for his products and the public to purchase them at a

Continued on Page Seven. When You Think of Writing

'Forgery Proof' Permit Forged for 100 Cases

OHN S. PARSONS, chief prothe State, reported yesterday to Ralph A. Day, director, that he had found the first forged permit on the new withdrawal permits which, it had been believed, were proof against forgery.

The permit, which called for the withdrawal of 100 cases of whisky, appragraphy, had been certed on

apparently had been copied on genuine paper and with an official machine. With the adoption of the form of permit a few weeks ago it was said by Federal officers that the blank would be as difficult to forge as a \$20 bill.

Says Tourist Arriving Soon MINNESOTA SELECTS WOMAN FOR SENATE

Mrs. Peter Olesen Victorious in Democratic Primaries for Nomination.

ANNA DICKIE ON BALLOTS

Thirty.six Years Old, Spent Not More Than \$500 and Ran as 'Citizen.'

mond Hill High School said that "if Press) .- To the country at large she House. the Mayor thinks that my description may be Anna Dickie Olesen, but to this city of 8,000 population she always Gov. Miller said that in this speech her husband, who is superintendent of he took occasion to say the great Cloquet's schools, insists that the masses of people are unaccustomed to "Anna Dickie" be substituted for the "Mrs. Peter" when she is referred to

And to-night the little the citizens of foreign birth. The Govthree cspecially the husband and
ernor added that it perhaps would
have been more expedient politically
for him to have flattered the people by
telling them they did not need enlightenment.

"That is what the demagazing does"

I three cspecially the husband and
daughter Mary—
were thrilled with the knowledge that
the wife and mother had been chosen
to "pioneer a trail for women in politics," as Mrs. Olessen herself has

The subsidy bill, he declared, is needed
to get the Government's ship holdings
into private hands and into economic

whether he would run. He said that indorsed me for the Senate. I for making excuses for broken prom- is simply an evidence of its accept.

But there was no denying she was happy-kappy and enthusiastic, almost eager to get into the campaign for the as persistently as she did her primary

onnection, she said. "I am deeply grateful to the people the nomination in the Minneapolis con-

HARDING APPROVES PLAN FOR A SUBSIDY

Indorses Procedure for Action by House at This Session.

America Paying Tolls

President Wants Members to Explain Measure to Constituencies.

Harding to-night gave formal ap proval to plans of Republican leader in the House to bring the Administra ssion immediately after the tariff bill CLOQUET, Minn., June 20 (Associated has been sent to conference by the

in a letter to Representative Mondell chief of general field agents, will ar-(Wyo.), the Republican leader, which actment of the measure at the present | State

Public interest will not admit of postponement of decision on the police to the next Congress or the approaching

termed her nomination for the United States Senate.

"It is no personal tribute," she iny sisted to-night to the Associated Press; "it is only the indossement of the Democratic State platform as formulated by the State convention terms of the world," the President State platform as formulated by the State convention the marks of the world," the promoted by serving ourselves in making our formulated by the State convention the marks of the world,"

The exact time fixed for voting on the measure, the President said, in de-scribing his agreement with House lead-ers, is "approximately such time as House members will be called in active attendance to send the tariff bill to con-

The President's Letter.

"Mr DEAR MR. MONDELL: "You have been advised by those w have discussed the matter with me personal interview that I am in co plete accord with the opinion of leaders among the majority in the House that content and the final consideration of the merchant marine bill in the House might well be postponed until approximately such time as House members will be called in active attendance to send the tariff bill to conference. I am writing to give formal confirmation, and to express the satisfaction with which I contemplate having this measure taken directly among the property of the country into a national policy fixed

coner added:
"I consider the action of the Mayor highly discourteous. His action was not becoming a gentleman and I believe he ought to be censured for according such treatment to a member of this board. I told the Mayor that my private and public opinion of him is that he is no gentleman."

"I we describe the mayor that my private and public opinion of him is that he is no gentleman."

"A temporary success at the polls is not so important to the Republican as Mrs. Anna Dickie Olesen. A ruling of the State Attorney-General's office of the state Attorney-Gene

President Abandons Plan to Visit Alaska

mi Desputable THE NEW YORK HERAL

in Washington have compelled President Harding to abandon plans for a personal trip of inspec-tion to Alaska. He had expected to leave perhaps by August 1, so that he might have first hand knowledge as to the territory and its needs and review the conditions which have been sending it back-ward instead of forward in development and population in recent

IF HAYNES PERMITS

tion Chief and Yellowley To-day Will Decide Policy.

JUDGE ASSAILS POLICE

Roy A. Haynes, National Prohibition ssioner, and E. C. Yellowley, rive in New York this morning to con vanced by Mr. Harding in favor of en- ment on prohibition conditions in this

aboard. It is understood local officials will ask the national officer for permission to board a vessel known to carry liquor.

Washington last week, following a letter by Adolphus Busch 3d to President Harding calling the United States incomparably the largest bootlegger in the world," by permitting liquor to be sold on Shipping Board vessels, local officials have awaited the outcome of the argument before taking

agents for New York and New Jersey. took issue with Chairman Lasker of the ssels or other American ships have the right to transport and to sell liquor. Local agents have stood in eccipt of permission from Mr. Haynes.

Mr. Appleby said he would lay before a ship and to force to an issue the arguand letting the courts decide on the

If permission is granted by Mr. Hayes, ship in the harbor may be boarded next few days, it is under-

Instruments Also Burned in Seventh Regiment Blaze.

BINGHAMTON, June 20.—George Crumey of Goshen, said to be a former mechanic for Eddie Rickenbacker, was fined \$150

SENATE FIGHT OVER BONUS CLOSES WITH BILL STILL BLOCKED

THE BEST IN ITS HISTORY.

The New York Herald, with all that was

best of The Sun intertwined with it, and

the whole revitalized, is a bigger and better

Harding Victory Scored in Defeat of Motion to Advance It.

CHAMBER IN A FRENZY

McCumber Is Heckled and Driven to Cover by the Democrats.

BATTLE TO GO ON TO-DAY

Williams of Mississippi Openly Charges Cowardice to Raid Supporters.

New York Herald Bureau.) Washington, D. C., June 20. Frenzied attempts to bring up the sulted in a victory for President Har-

turbed the tranquil dignity of the upper house, the supporters of the to Mr. Haynes at the conference will it will remain there depends on the

The honors of the day's went to the supporters of the President. They succeeded in voting down, 51 to 22, a motion to advance the tion of questionable value to take up the bonus after the revenue measure

The last warning uttered field was that they would renew their attack on the Senate program suggested by the President at every opcratic bonus Senators and anti-bonus Senators of both parties "took the starch out" of a resolution prov for two-thirds consent to set aside the tariff for the bonus. As finally agreed on and adopted, the resolution merely provides for majority sanction.

lution, put through by Senator Lodge. majority leader, will have on the bonus situation, is a matter of conjecture. ment on the question by making a raid President all Senators of both parties opposed to the bonus and the Demo-crats who charge that they were "betrayed" by Mr. McCumber, made it quite clear that they would not be bound by any agreements, rules or any other legislative obstacles that would ordinarily govern their activi-

the Senate rumpus to-day. There was, as said, no reference made as to his position beyond Democratic charges that he was attempting to usurp the prerogatives of Congress. But the

animation and some entertainment, probably one-third of the membership ok a hand, or more correctly, a voice in the exchange of charges, warnings, threats and pleadings that ensued.

The bright spot in the line of ora tory was contributed by John Sharp Williams (Miss., D.m.). He vigor ously denounced the motives of the advocates of the bonus, condemned the ambitions of soldiers seeking it and whimsically told a story or two that

Interest in the welfare of young girls four years ago brought Mrs. Olesen to the attention of her community, then the Continued on Page Nine. Continued on Page Nine At a time that damaged the New York Police Band was destroyed last right in a fi

American Psychical Institute, 40 West Fifty-seventh street, said last night that he and his assistants are perfecting an experiment whereby they expect to be able to photograph the astral body of a cat. The experiment will take place in the laboratory of the institute. Dr. Carrington said, but he was unable to fix the date.

Prophecy, the astral body will then pass through the first box into the second box, which will contain an atmosphere of water vapor.

The next step will be to reduce the sir pressure between the two boxes, after which it is expected that the the institute. Dr. Carrington said, but he was unable to fix the date.

Prophecy, the astral body will then pass through the first box into the second box, which will contain an atmosphere of water vapor.

The next step will be to reduce the sir pressure between the two boxes, after which it is expected that the trophies won by the band, numbering about twenty, were melted by the heat and cuined. The fire also ruined a ball dozen clarinets and cornets.

he was unable to fix the date.

This will permit ionization, and little
According to the plans he outlined, electrical parts in the atmosphere the cat will be placed in a glass box should condense on the surface of and this box will be placed in another the astral body as dew drops gather the cat will be placed in a glass box and this box will be placed in another glass box about five inches larger. He will then attempt to remove the astral body and photographs may be be outlined and photographs may be body from the physical body of the body from the physical body of the laken, Dr. Carrington said.

VOTE AFTER TARIFF

DANGER IN LONG DELAY

to World.

gun of the Gubernatorial campaign, the Democratic State platform as though the Governor was still silent formulated by the State convention frankly that the Republican party can sought to bring that platform to the members of our party. My nomination

New York Herald Bureau, Washington, D. C., June 20. EGISLATIVE confusion over the administrative program and other pressing problems

Says Bill Is Needed to Stop TO RAID U. S. LINERS

HE WRITES TO MONDELL Conference Between Prohibi-

Threatens to Bring Methods of Manhattan Raiders to Grand Jury's Notice.

The principal question to be put up

legality of the act

Richmond Judge Protests. Judge J. Harry Tiernan of the Rich-ond County Court told the members